MCA-I Year (SEM-I)

PROJECT REPORT

ON

Knowledge Illustration

BY

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Introduction:

The manual System of record in the Classes was very difficult to maintain. So We have created this type of application by making use of java desktop application. In this project we have included all the work that was the manual. We have converted lot of manual work of managing records of students in the system.

For avoiding such type of mistakes happening with manual work we have computerized system in which there will be no chance of any mistake which happened by manual work, Also Searching is easy and gives effective output. In essence, it gathers all the valuable student-related information on a single platform, enables quick retrieval of essential data, and filters their availability by the access level.

The primary function of the Student Record Management System is to replace a complex net of educational bureaucracy and provide efficient communication channels on all levels: between educational leaders, policymakers, separate departments within an institution – all the way to administrators, students, and their parents.

Like any information system, its aim is to solve problems by storing data, extracting information, and using it to improve knowledge.

In pragmatic terms, this means that a well-designed Student Record Management System will:

- Store and safeguard student information
- Keep a record .
- Manage the admission process
- Handle tuition and fees payments
- Identify trends through reporting features

In a word, what a good knowledge illustration does for a school or college is provide a unique set of benefits that lead to the institution's improved performance.

The main purpose is:-

- To improve the efficiency. Provide an interface to enter data faster and stores efficiently.
- To provide user friendly environment.
- Efficient storage and maintenance of database
- To give all information and reports with accuracy at any time according to user requirement To improve the efficiency.
- Provide an interface to enter data faster and stores efficiently.
- To provide user friendly environment.
- Efficient storage and maintenance of database.

Objective/Aim of the project:

Main objective of this project is to make it convenient and accessible easily, cost effective, flexible and to support less paper wastage which is usually done in manual systems and makes it difficult to track it.

The main objective of the Knowledge Illustration is to manage the details of Profiles, Cources, Logins, Fees. It manages all the information about Profiles, Student, Fees. Integrate data sources and process them through a single function that supports one-time entry of student data. The most important of these is the ability to report information for decision making about individual students. Separate student records become a student record system when they are linked together or made accessible to perform one or more critical functions. These functions may include generating reports adding/deleting/changing records, and conducting analyses.

1) It provides an organized system of management of information. 2) It assists with monitoring accountability and future planning. 3) It helps teachers make instructional decisions and to obtain specific information that may assist in working with a student.
4) It helps evaluate the success of various programs in a certain curriculum.
5) It facilitates interpersonal communication.
6) It improves personal efficiency.
7) It increases organizational control.
8) It improves data security and integrity.

- The proposed system is computerized version of existing system which makes it easier to work.
- Reduction of cost
- Increased speed of processing .Easier implementation of security methodologies.

- It is customizable and powerful enough to answer specialized requirement of the users.
- System is user friendly
- As system is computerized then there is less chance of error occurs and work can done with maximum speed

- If the changes of that record is easy as compared to existing system
- Finding records is quite simple as compared to manual system were you have to manually search each and every record.
- Due to maximum speed the time required is less.

- Installation files
- Clearity in printing and documentation

- **Need for system:**

Need of the system is an automated System. Through our software user can add students, add registration , search student record , search update information, edit information, other service in quick time. Our proposed system has the following advantages. Userfriendly interface

- Fast access to database
- Less error
- More Storage Capacity
- Quick transaction

This project provide a means of managing a project by planning, organizing, and managing the different required aspects of any project. Project management systems are either general software applications or project management specific software applications.

Future scope:

To speed up the manually work of information gathering and report generation.
Developing the system for instant report generation for analysis.

The project has a very vast scope in future. The project can be implemented on intranet in future. Project can be updated in near future as and when requirement for the same arises, as it is very flexible in terms of expansion. With the proposed software of database Space Manager ready and fully functional the client is now able to manage and hence run the entire work in a much better, accurate and error free manner. The following are the future scope for the project.

Ø Discontinue of particular student eliminate potential attendance.

Ø Bar code Reader based attendance system

Ø Individual Attendance system with photo using Student login

This system System make work done at the faster way the software is user-friendly and Attractive. Owner of the Association can edit Products details, which can be viewed by the administrator.

Proposed system:

In that proposed system we makes an automated knowledge illustration System. Through our software user can add student , add details, search student , search details ,update information, give bill, edit information, maintain in quick time. Our proposed system has the following advantages is User-friendly interface, Fast access to database, Less error, More Storage Capacity, Quick transaction .

Objective of system:

Majorly, because every institution is unique in its way and may need different properties as a part of its software solution. Your budget will also play a key role in selecting a good knowledge illustration system. However, you should keep certain features in mind when you begin your search for the most suitable record management software for your school.

- **Customizable:** It should be customizable based on your requirements. An all-in-one package is often filled with features that might not be useful for you.
- **Cost-Effective:** The solution that you choose should not be too pricey for the features it offers. However, it should also not be too cheap that feels too good to be true because most inexpensive solutions turn out to be a disaster, and you end up feeling tricked.
- **Reliable & Secure:** You will be saving tons of data on the software. It should be secured with a robust multi-layer protection mechanism.
- **Multiple Logins:** The software should allow multiple logins and show relevant data to the users.
- **Organized File Storage:** The file storage system should be organized with appropriate labels and be easily accessible.

- It tracks all the information students record.
- Manage the information of student.
- Shows the information and description of the Student.
- To increase efficiency of managing the student record It deals with monitoring the information and transactions of Department.
- Editing, adding and updating of Records is improved which results in proper resource management of Computer data.

Literature reviews and gap analysis :

The web application that is being used by these and many other institutions have the following features and functionalities such as, Login/Sign Up, Dashboard, Viewing of results, attendance, courses, time table, assignments and students progress, upload/download documents and notifications.

The students, who are admitted to those institutions which are dependent on traditional way of managing things, have to struggle a lot just to get a certificate or any other documents. Also the administrations face difficulty in maintaining all the records, tracking the records and fetching the record of their interest in time. The administrations of those institutions also have to employ a number of employees just to maintain the records required to manage and support their daily work.

The approach to develop and deploy the application is employing micro-service architecture. The micro-service architecture is implemented using spring-boot which is the opinionated instance of spring application and also a rapid application development platform

Students/guardians no more have to stand for hours in the queue to get admission. Simplified registration and collection of fee through online forms, with the ability to send alerts and reminders via email, SMS alerts and push notifications makes the process easier. Most of these academic institutions still relay on traditional way of management which mainly involves paper-work, much of human effort.

Any discussion of previous findings on the effectiveness of webbased homework management systems must first begin with a definition of the term. The web-based homework management system under consideration in this study is a system created by a major textbook publisher with thousands of users around the world. More broadly, web-based homework management system refers to a system that is accessible from any standard internet browser, that includes password authentication, collection of student.

System Analysis:

The first significant advantage of a knowledge illustration system is that as a school you are able to keep proper track of data related to students. This includes areas such as fees being paid by students, records of the students, transport facilities being provided by the school and availed by the students.

you can access this data and more, by using a unique identification number of the student. In fact, apart from management people, students can also use these systems in order to keep track of their dues as well as class schedules. These systems also work in such an intuitive way that all your important work is properly highlighted. This improves your productivity much better than what you could have imagined. This also means that you are able to grow as an organization with very little effort.

Scope of the project:

The scope if proposed system means to be Computerised Information system for details of Student Records.
The operations done on System[Add,Update,Delete].Maintaining of all information at one place and in one particular format.
Developing the system which is cost effective,user-friendly and convenience.
To speed up the manually work of information gathering and report generation.
Developing the system for instant report generation for analysis.

The Scope of proposed system can be further discussed with following points : -

- Security of data and Ensure data accuracy
- Minimize manal data entry
- Greater efficiency and Better services
- User friendliness and interactive
- Minimal time requirement

This system is aimed at total user-friendly as well as efficient management of varied tasks. These tasks may range from registering new students, managing fees payment, t to all the essential features necessary for making the administrative division of school effective. This digital education has resulted in the adoption of this system which is the primary tool to manage the administrations such as attendance, student enrollment and registration, online learning, online fees payment, digital assignments. This software is developed and designed to reduce the paperwork and digitized the manual data. The data management, administrative tasks, also becomes easier with ERP based School Management Software.

Feasibility Study:

Feasibility study lets the developer forces the future of the project and the usefulness. A feasibility study of the system proposal is according to its workability, which is impact on the organization, ability to meet their users and effective use of resources.

The purpose of the feasibility study is to determine whether the problem can be solved with minimum cost as soon as possible. Economic feasibility Nowadays, the price of the computer has been very low, while the performance has made considerable progress. And the development of this system brings a qualitative leap for working efficiency of the school, which mainly includes the following aspects: First, the operation of this system can replace much multifarious artificial labor; Second, the operation of this system can save a lot of resources; Third, the operation of this system can greatly improve the working efficiency of the school; Fourth, this system can make sensitive documents safer and so on. Therefore, this system is economically feasible. Technical feasibility The development of this system using Microsoft SQL Server 2005 as the database of this system, it is a new kind of database which supports more users and is suitable for large and medium-sized data amount needs. Using Visual Studio 2005 as the development environment of the system provides the perfect instruction control statements, the support of the classes and objects and rich data types, this ensures the safeguard for high performance of the system and meets the requirement of customers, as well as the modularization requirements of the code, and higher modularization is beneficial to extension and modification of the new system in the future. To sum up, the design and development on the technology of this system and the condition of the hardware are satisfied, therefore, it is technically feasible. Operation feasibility This system is small student information and performance management system, which needs small amount of resources. School computer can meet the conditions both in hardware and software; therefore, this system is feasible in operation.

The purpose of the feasibility study is to determine whether the problem can be solved with minimum cost as soon as possible. Nowadays, the price of the computer has been very low, while the performance has made considerable progress.

Technical Feasibility:

Technical feasibility refers to the ability of the process to take advantages of current state of technology in pursuing further improvement .
The technical study should based on below content : - 1. Does existing technology sufficient fot suggested one ?
2. Can system can expanded if developed ?
The system has developing using java the project is technically feasible for development.

During the technical feasibility step the following must be completed.

- Test for technical feasibility
- Examine the operational requirements
- Identify potential safety and environmental hazards
- Conduct a preliminary production feasibility assessment
- Conduct a preliminary manufacturing assessment
- Estimate engineering prototype costs

We can strongly says that it is technically feasible, since there will not be much difficulty in getting required resources for the development and maintaining the system as well. All the resources needed for the development of the software as well as the maintenance of the same is available in the organization here we are utilizing the resources which are available already.

Economic Feasibility:

1. The developing system must be justified by cost and benefits 2.
The following are some of the important finantial questions asked during preliminary investigation :

- The cost conduct a full system investigation.
- The cost of the hardware and software
- The benefits in the form of reduced cost or fewer costly errors.

Project work, there is no manual cost to spend for proposed system. Also all the resources are already available, It give an indication of system is economical possible for development

Development of this application is highly economically feasible .The organization needed not spend much money for the development of the system already available. The only thing is to be done is making an environment for the development with an effective supervision. If we are doing so, we can attain the maximum usability of the corresponding resources .Even after the development, the organization will not be in condition to invest more in the organization .Therefore, the system is economically feasible.

Operational Feasibility:

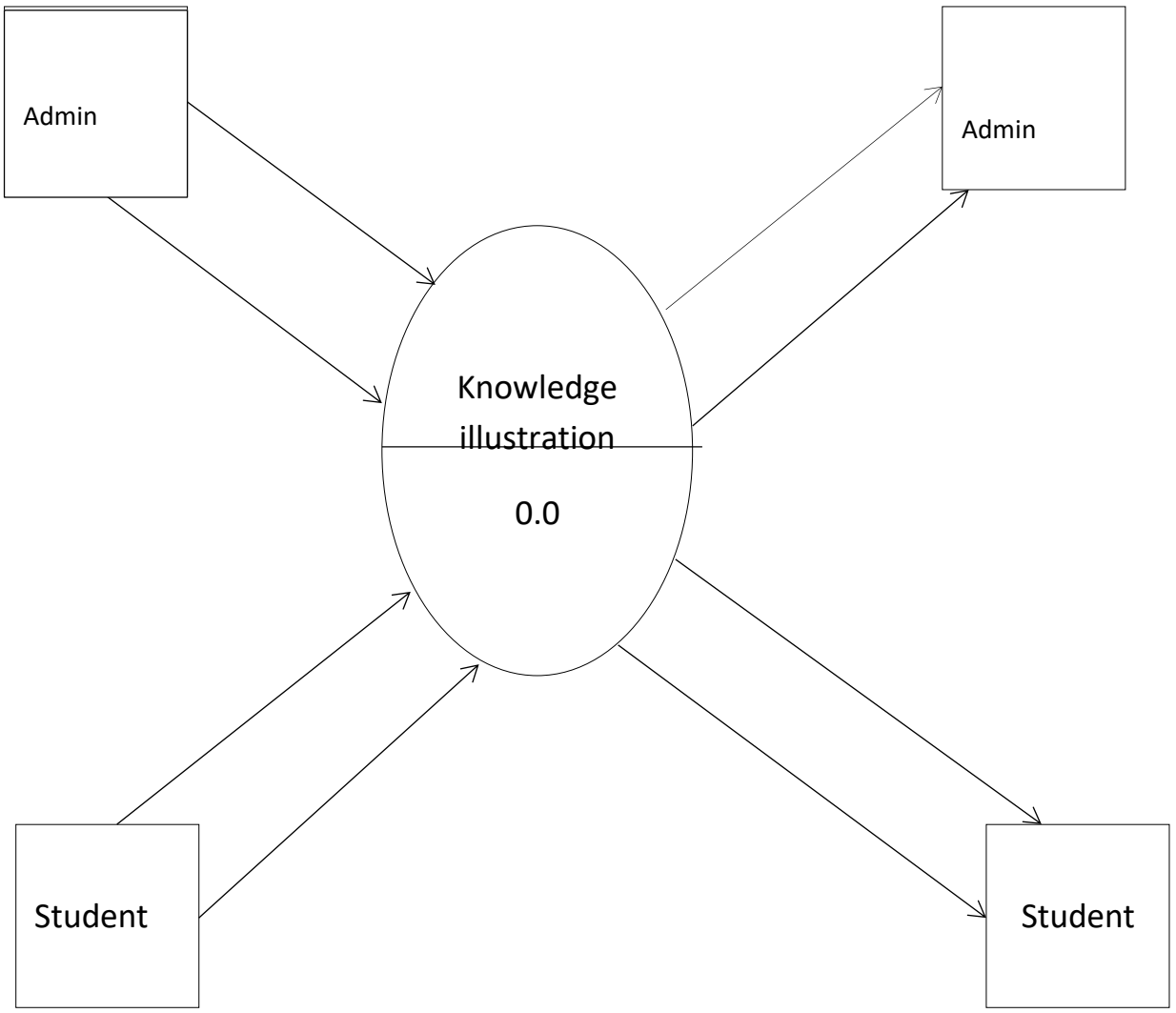
Operational feasibility concern's itself with the integration of products in the organization for which is intended.
It should address the below factors :
- Does management supports project ?
- Product is operational reliable ? - Changes to client workflow ?

• So, we do not require any fancy hardware setup.

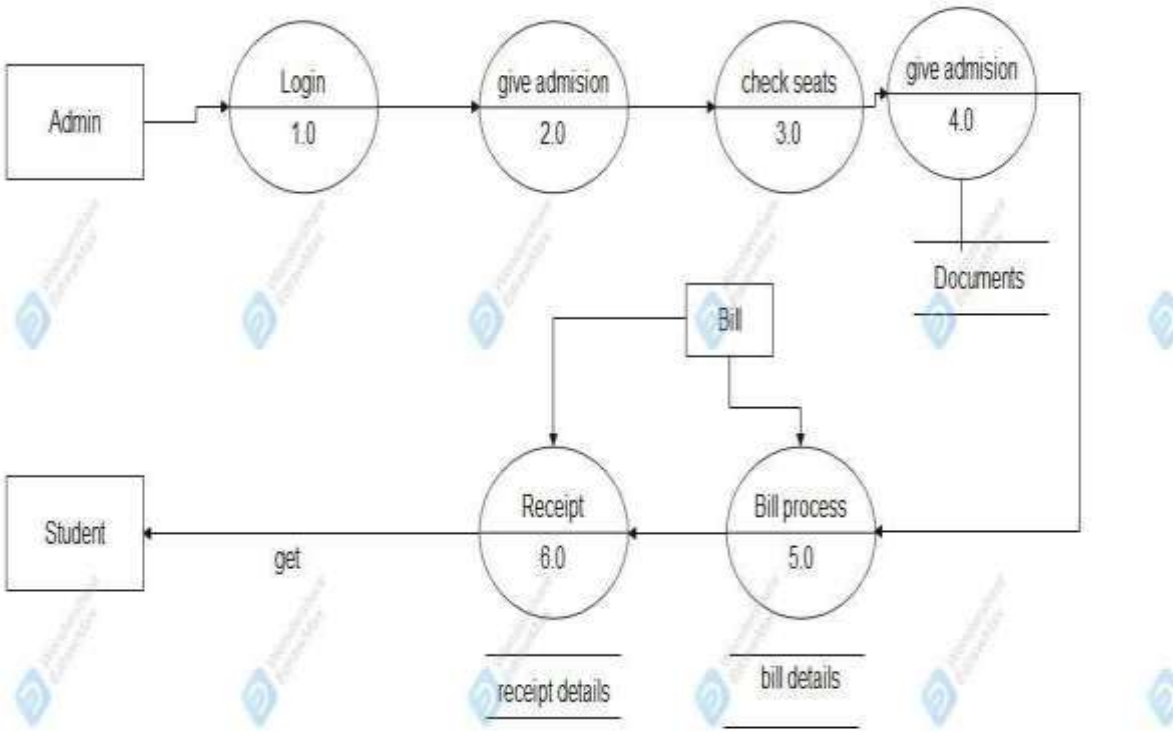
• Operational feasibility is a study to find out whether development and implemented system will be useful or not, it is for finding out whether the developed system would compile with the users or will users resist using the system? After implementation of the project Admin can easily navigate through the details of sales of computers.

Diagrams:

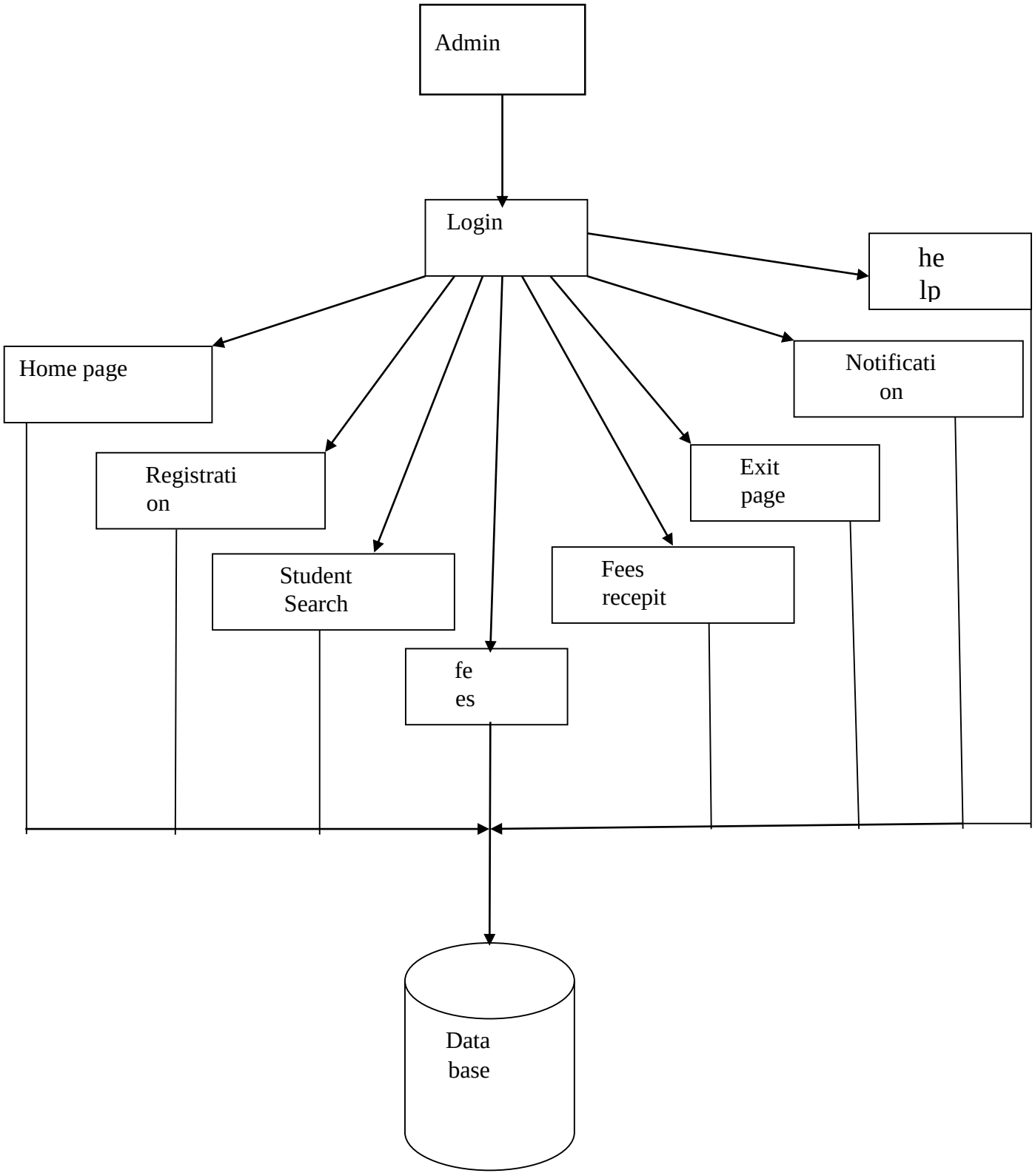
DFD (Data Flow Diagram):



First Level Diagram:



Second level digram:


Admin
Login
he
lp
Home page
Notificati
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Exit
page
Student
Search
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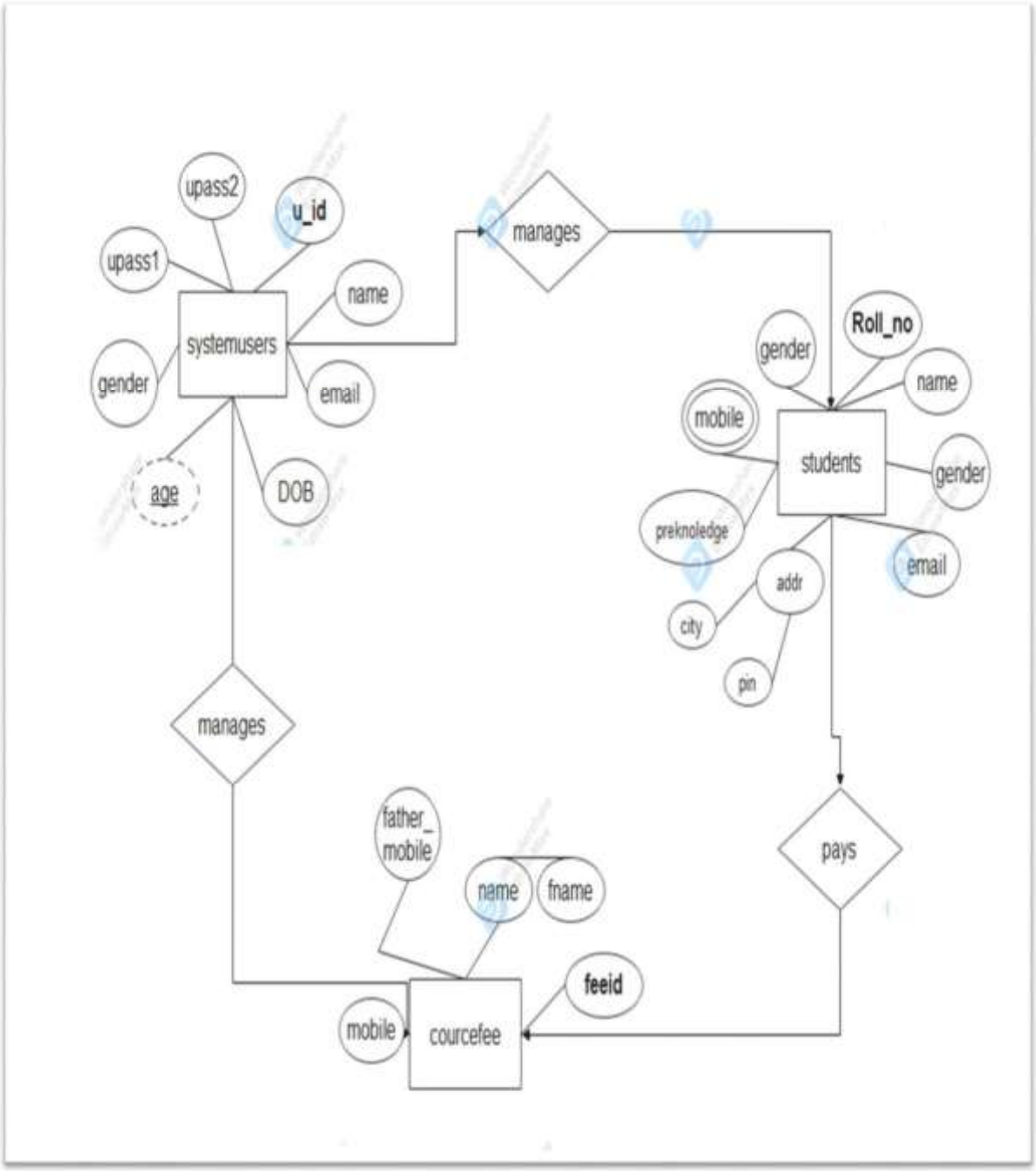
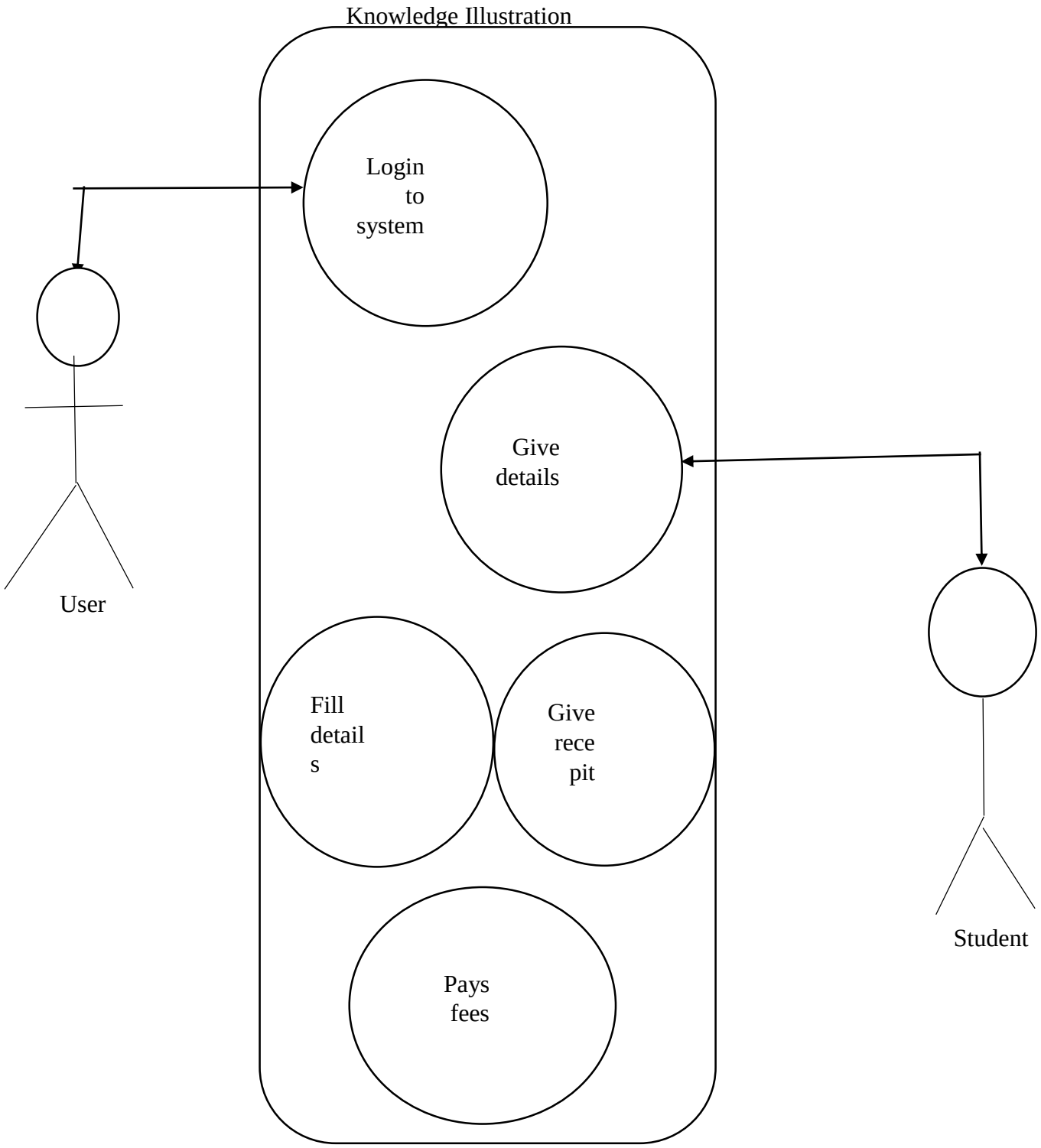
Data
base

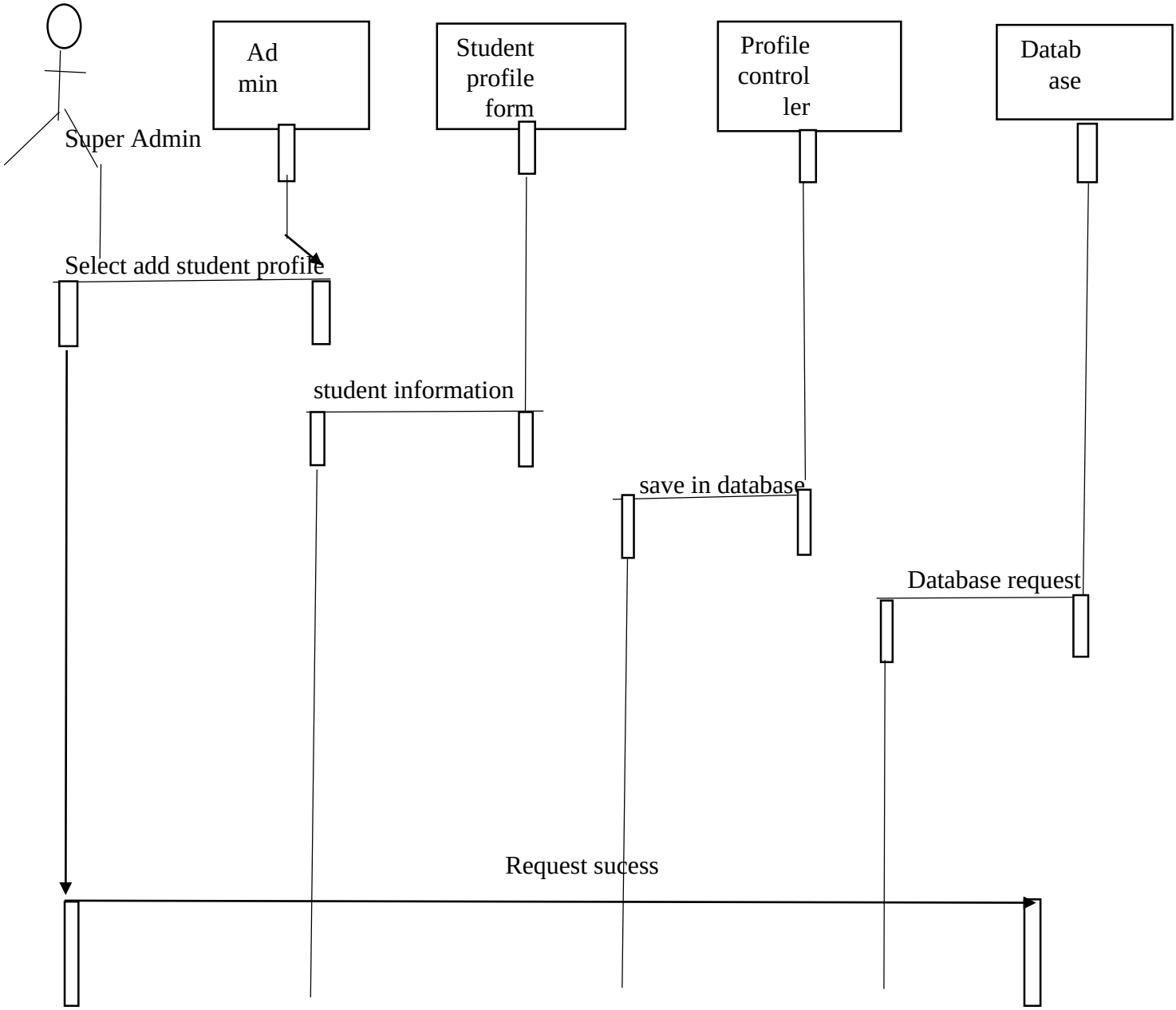
Entity relationship digram:



Use case Diagram:



4)Sequence Diagrams:-


Super Admin
Ad
min
Student
profile
form
Profile
control
ler
Datab
ase
Select add student profile
student information
save in database
Database request
Request sucess

S/W & H/W Requirement Specification:

Hardware Requirements :

o RAM : 512 MB o Hard Disk
:4 GB o Processor : Pentium III o
Printer : Any Type

Software Requirement :

- Operating System : Windows & Linux
- Front End : Java Swing,AWT
- Processor : MySql Database
- IDE : Apache NetBeans 12.0

Fact Finding Technique:

Fact finding technique is part of system analysis. Through this technique we collect information related to system .

We were used the following technique's …..

a) Record Review :-

We were used this system at the initial stage.
Many kinds of past record and report were help to provide with valuable information that has been recorded about system.

b) Interview :-

This technique has most important part in our system analysis. In this technique we collect information directly from school employees.

In this technique we have asked both structured and unstructured questions.

Those questions are :

1) How do you give admission to student ?
2) How do you register all details of students ?
3) How do you manage fee collection of each student ?
4) What do you do if some student left school ?
5) What about finding details of particular student ?
6) How do you delete details of the student ?

System Design

Module Division:

In the project has been divided into the 6 modules based on the functionalities

1)Regestration Page
2) Student Regestration
3) Fee receipt
4) Student Details
5) Deletion of Record
6) Exit Page

Database:

Normalization of database :-

1) student_data:

Field	DataType	Constraints
s_rollno	interger	primary_key
s_name	Varchar(20)	Not null
s_gender	Varchar(20)	Not null
s_email	Varchar(20)	Not null
s_mobile	integer	Not null
s_city	Varchar(20)	Not null
s_pin	integer	Not null
s_address	Varchar(20)	Not null
s_course	Varchar(20)	Not null

1) student_fee:

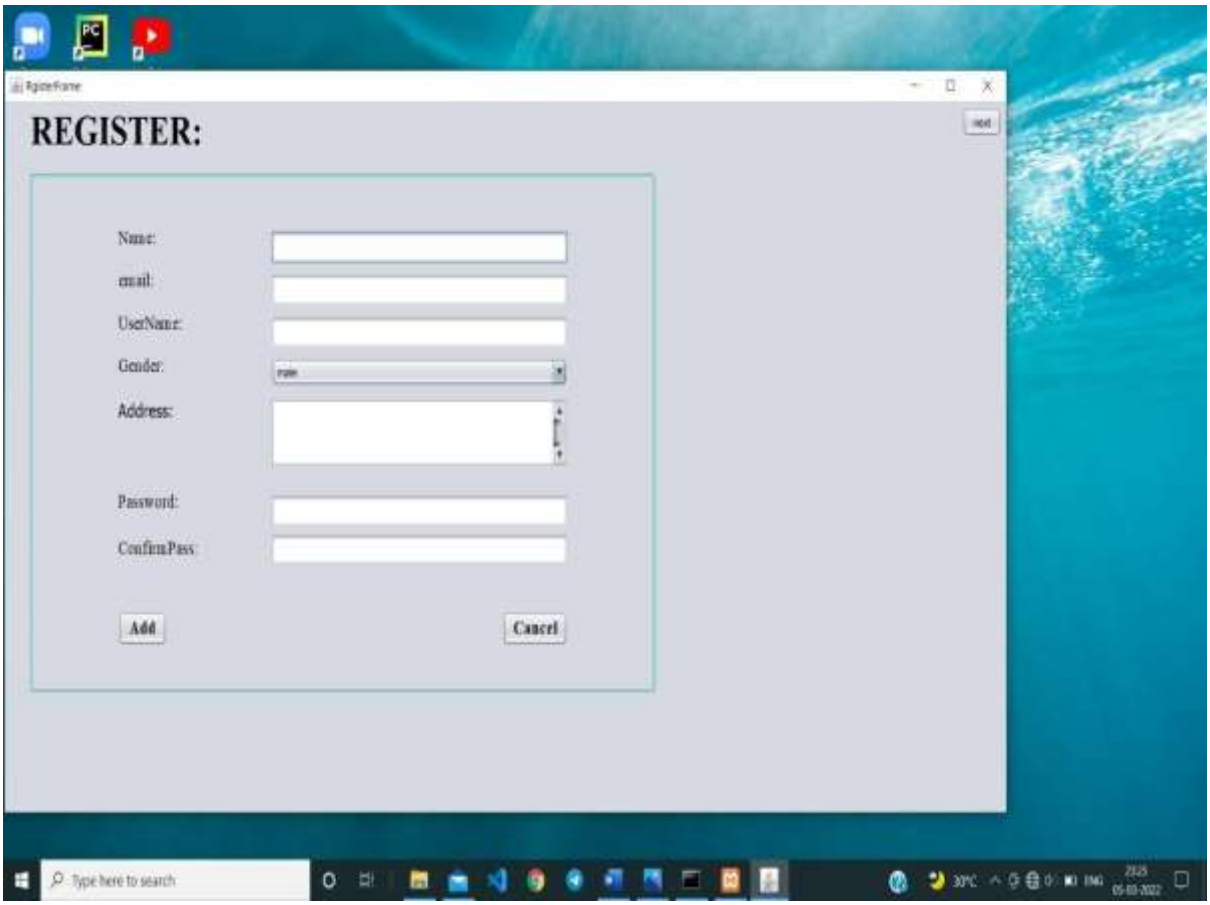
Field	DataType	Constraints
f_id	interger	primary_key
name	Varchar(20)	Not null
f_name	Varchar(20)	Not null
timing	Varchar(20)	Not null
f_mobile	Varchar(20)	Not null
fees	Varchar(20)	Not null

system users:

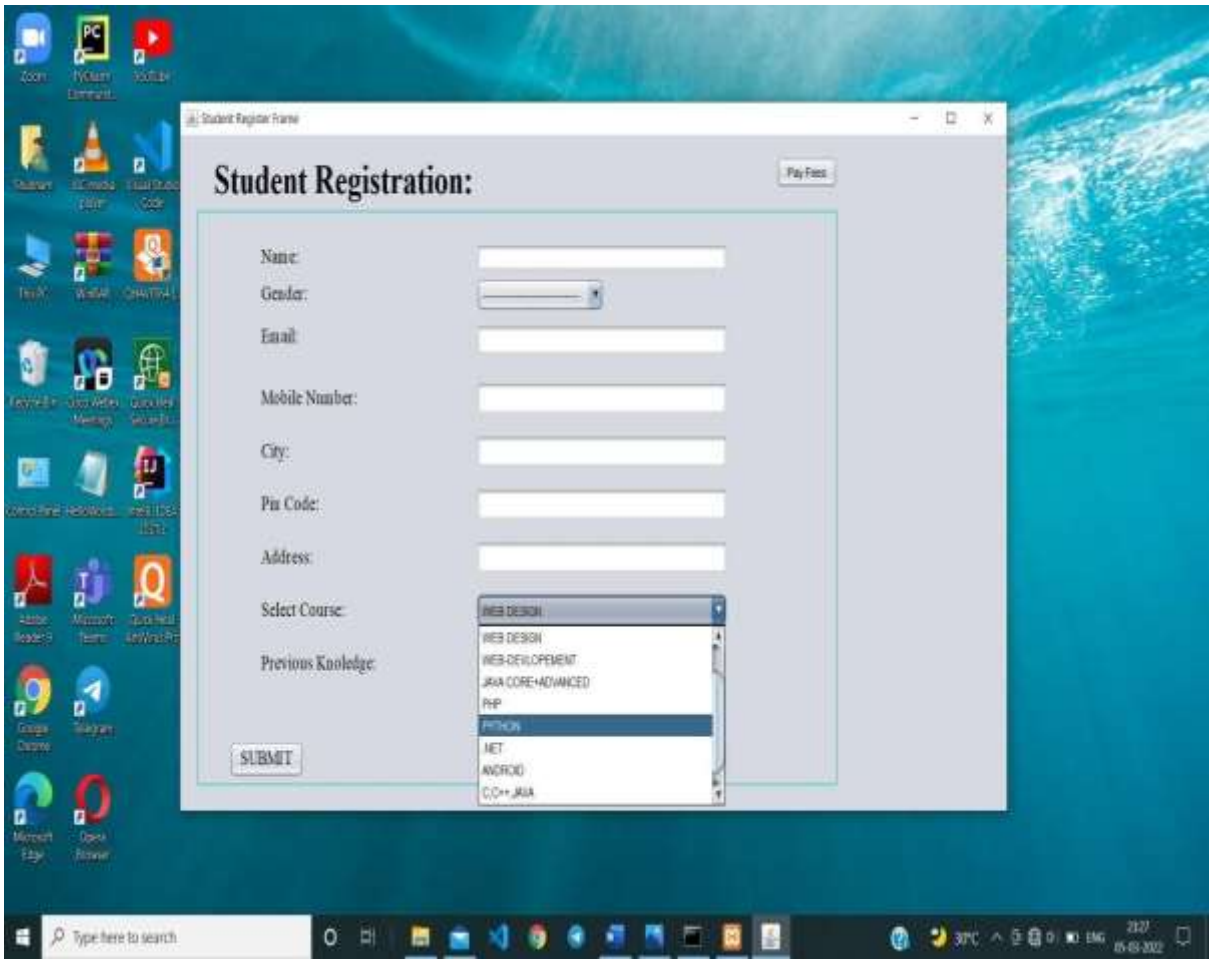
Field	DataType	Constraints
u_id	interger	primary_key
u_name	Varchar(20)	Not null
u_email	Varchar(20)	Not null
username	Varchar(20)	Not null
gender	Varchar(20)	Not null
u_address	Varchar(20)	Not null
u_pass1	Varchar(20)	Not null
U_pass2	Varchar(20)	Not null

Screen Shots:

Regestration Page:

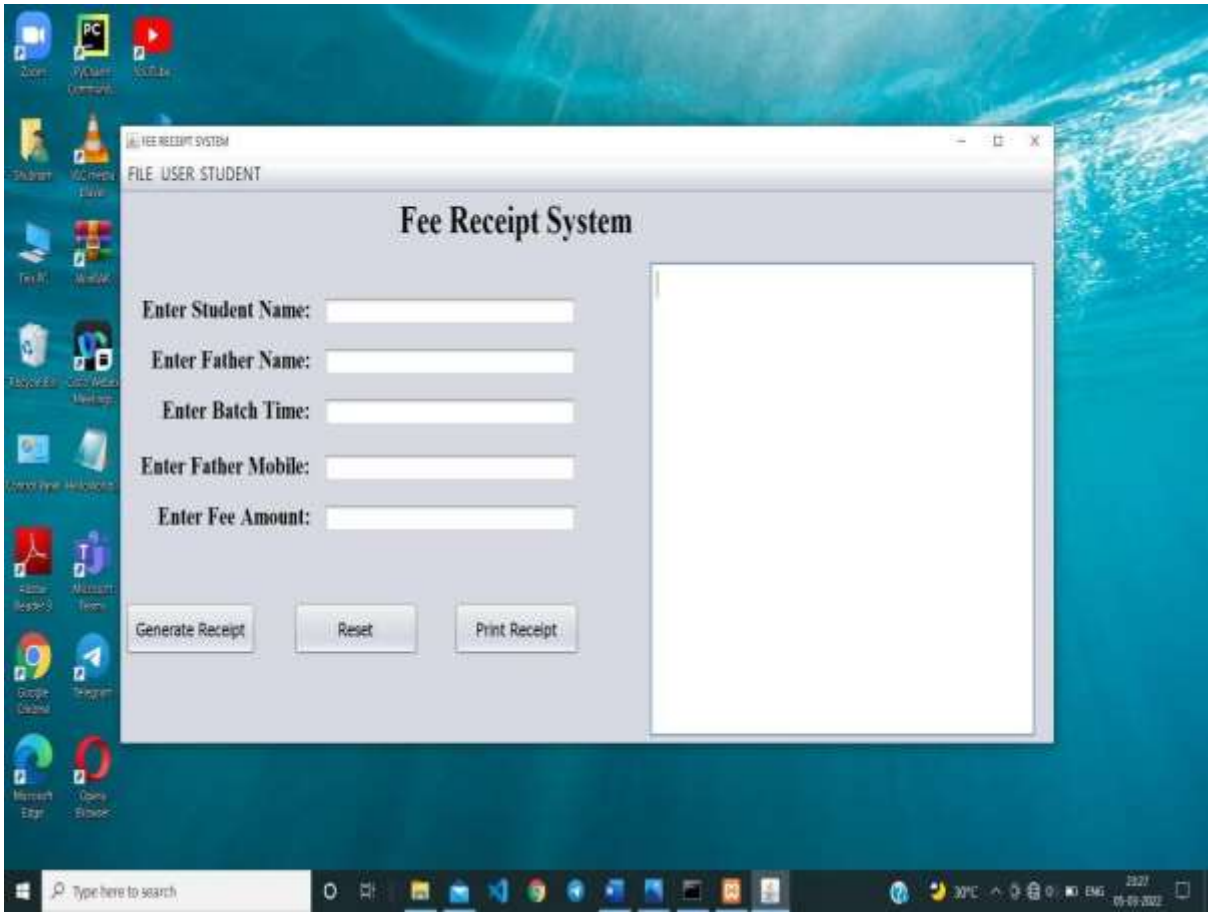


Student Regestration:



The objective of Student information System is to allow the administrator of any organization to edit and find out the personal details of a student and allows the student to keep up to date his profile. This student information management system project mainly explains the various actions related to student details. System will allow student to fill the form online, system has inbuilt validation system to validate the entered data. It'll also facilitate keeping all the records of students, such as their id, name, mailing address, phone number, DOB etc. So all the information about an student will be available in a few seconds. The student form opens wherein the student details can be entered.

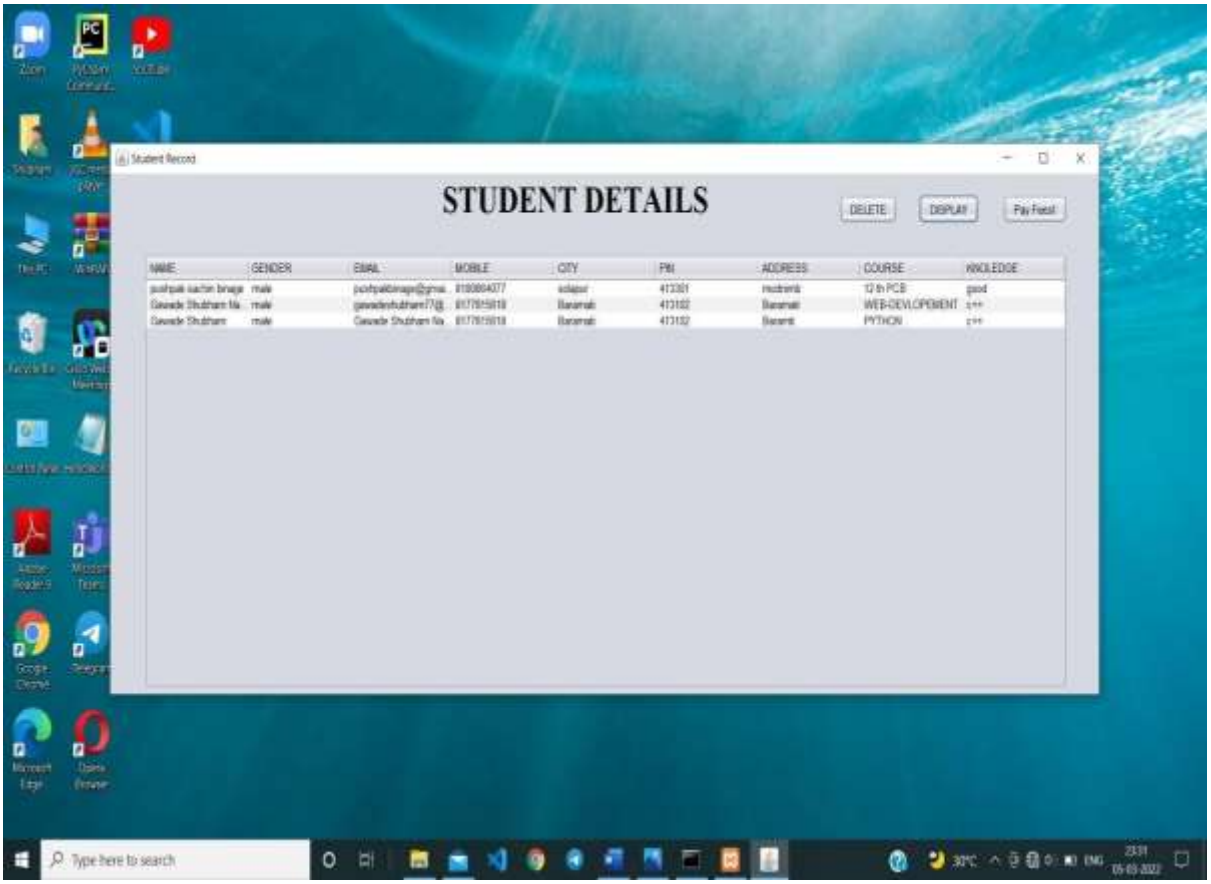
Fee receipt:



Fee management is a critical component of the student system. A flexible software allows the room for custom fee structure and receipt so that it can be used as a live system on your fees counter to take the fee and print the receipts all while being able to sync the live data in to the system from multiple sources, like online transaction, cheques.

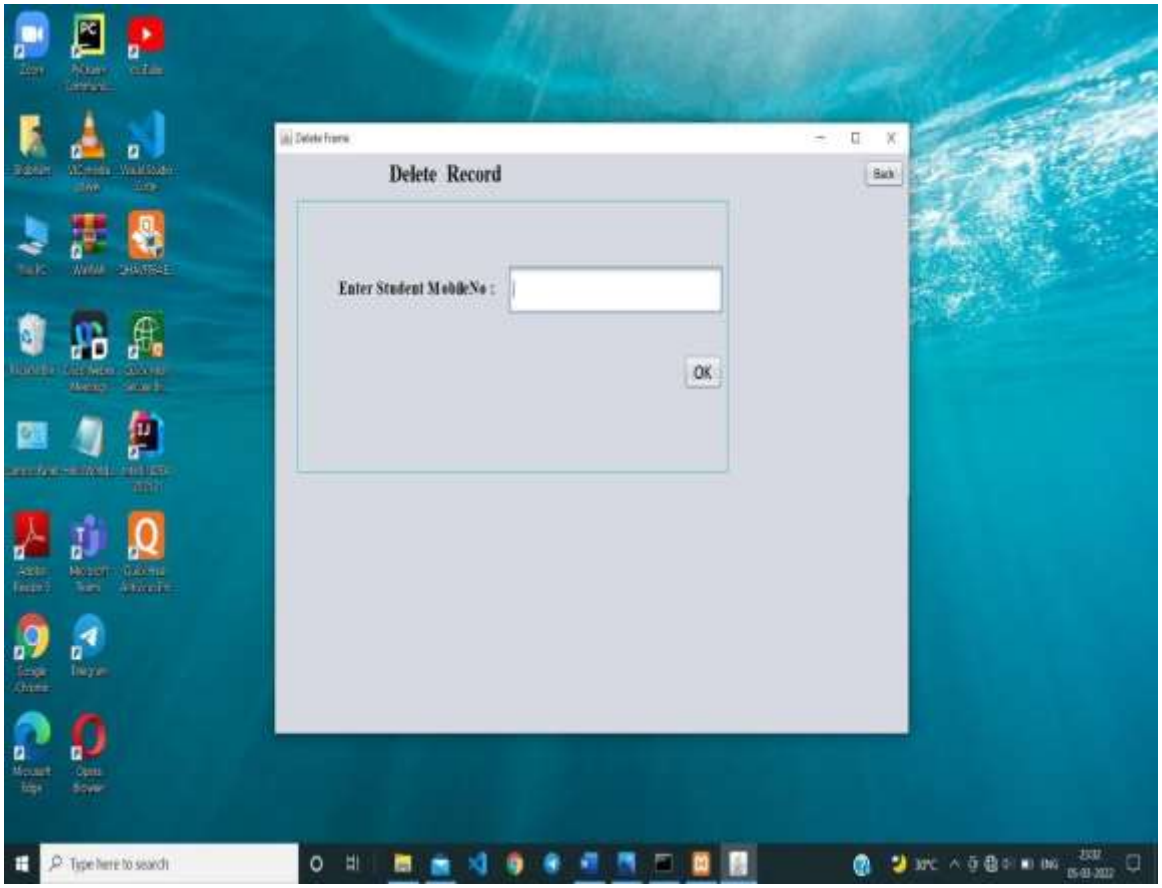
It helps you manage all the fee-related tasks such as accepting fees, keeping fee records, maintaining receipts, taking care of dues and refunds, and more. It also allows you to create the fees cycle of the school.

Student Details:

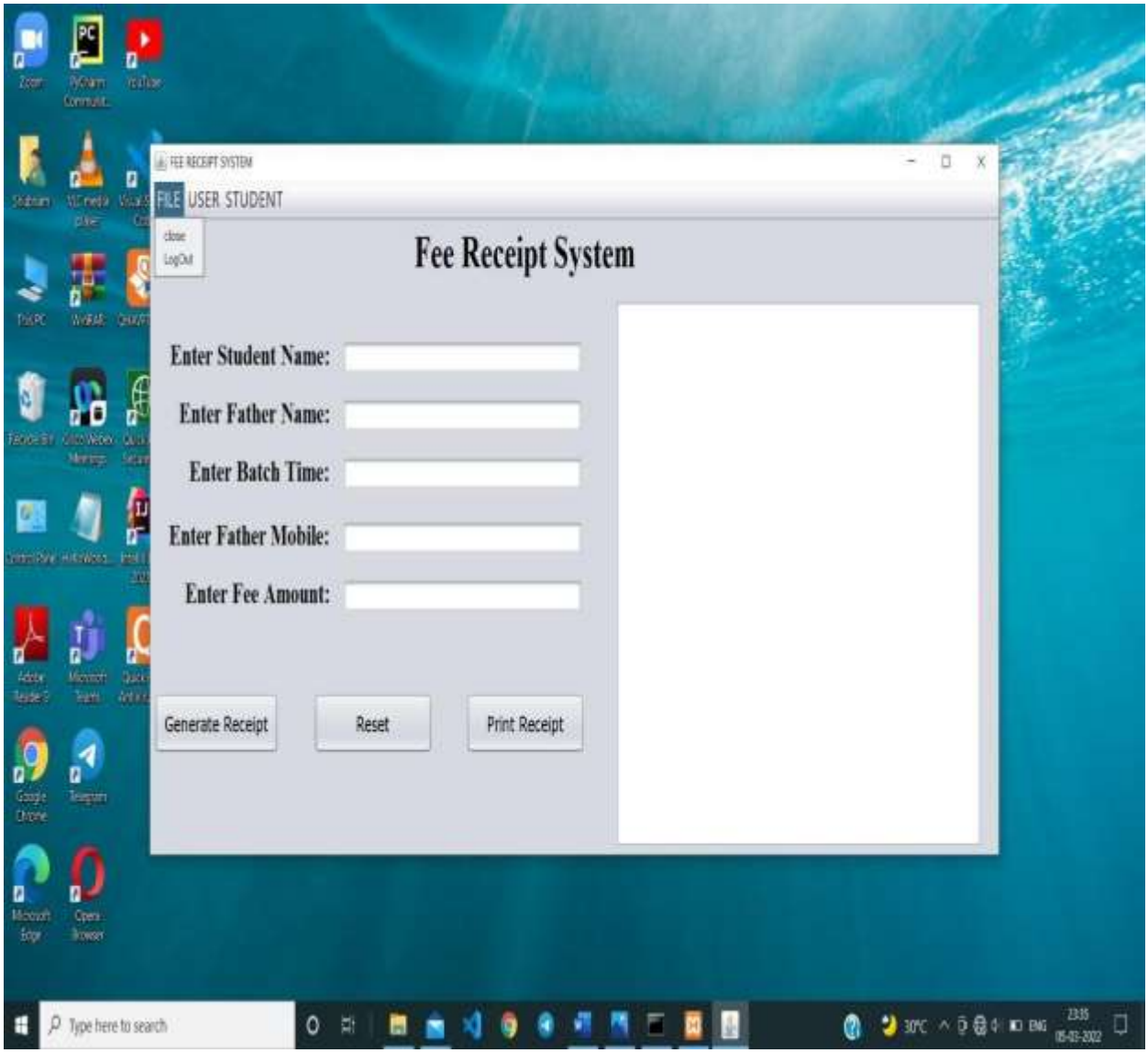


Deletion of Record:

From Setup**,** select Students. Type a student name into the search field, and click Search. Click the checkbox next to the student. Click Select Tasks**, select** Delete Students, and click Start. Click the checkbox next to the student record to confirm. Click Delete**.**



Exit Page:


FEE RECEIPT SYSTEM
FILE USER STUDENT
close
LogOut
Fee Receipt System
Enter Student Name:
Enter Father Name:
Enter Batch Time:
Enter Father Mobile:
Enter Fee Amount:
Generate Receipt
Reset
Print Receipt
Type here to search

Implementation and Maintenance:

"This system will be developed and designed to be user friendly and compatible in all condition to provide best overall services. Updating the system will be done regular and with guarantee of safe and secure information."

1. Identify. The first step in implementing electronic records management is to identify your organization's problems, issues and pain points. ...
2. Set goals. ...
3. Make a plan. ...
4. Get to work. ...
5. Stick to it.

Future Enhancement of the Mini Project:

The Scope of proposed system can be further discussed with following points : -

- Security of data and Ensure data accuracy
- Minimize manal data entry
- Greater efficiency and Better services

- User friendliness and interactive
- Minimal time requirement

- student performance knowledge illustration which enables the users like student and faculty to access the important information with ease through a user friendly web application. This proposed system aims at eliminating the practice of time consuming and vulnerable tradition of manual maintenance of student information in paper at the very basic level. In a university there are many departments all these departments provide various records regarding student.
- Most of these track records need to maintain information about the students. Thus by proposing a computerizes student record management system will enable the users to access data at any time and any place. The student web portal enables huge storage of data and easy retrieval. There are many departments in a college thus but introducing a student web portal will centralize the administration and the entire system will work as one single entity. The paper work would be reduced and number of workers in each department staff also reduces as one single operator can run this web application.

- **Bibliography/References/Glossary:**

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www.google.com

www.tutorialspoint.com

★ **JAVA :**

1. www.w3schools.com
2. www.wp.netscape.com/eng/mozilla/3.0/handbook/javascript/
3. www.roseindia.com

★ **SQL:**

1. www.sql.com

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2. Boyd HW & Westfall R, Marketing Research: Text and Cases, Richard D Irwin, Illinois, 1996.
3. Cundiff W Edward & Still, Basic Marketing, Prentice Hall of India, 1968.

Sample Code:

For registration page

```
import java.sql.Connection; import
java.sql.DriverManager; import
java.sql.PreparedStatement; import
java.sql.SQLException; import
java.sql.Statement; import
javax.swing.JOptionPane;

/**
 *
* @author Vikrant Kulkarni
 */
public class RegisterFrame extends javax.swing.JFrame {

    /**
* Creates new form RegisterFrame
     */
    public RegisterFrame() {
initComponents();
    }

    /**
* This method is called from within the constructor to initialize the form.      * WARNING:
   Do NOT modify this code. The content of this method is always      * regenerated by the
   Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">                          private
void initComponents() {
```

```
jLabel1 = new javax.swing.JLabel();        jPanel1 =
new javax.swing.JPanel();        jLabel2 = new
javax.swing.JLabel();        jLabel3 = new
javax.swing.JLabel();        jLabel4 = new
javax.swing.JLabel();        jLabel5 = new
javax.swing.JLabel();        jLabel6 = new
javax.swing.JLabel();        jLabel7 = new
javax.swing.JLabel();        jLabel8 = new
javax.swing.JLabel();        jTextField1 = new
javax.swing.JTextField();        jTextField2 = new
javax.swing.JTextField();        jTextField3 = new
javax.swing.JTextField();        jComboBox1 = new
javax.swing.JComboBox();        jScrollPane1 = new
javax.swing.JScrollPane();        jTextArea1 = new
javax.swing.JTextArea();        jPasswordField1 = new
javax.swing.JPasswordField();        jPasswordField2 = new
javax.swing.JPasswordField();        jButton1 = new
javax.swing.JButton();        jButton2 = new
javax.swing.JButton();        jLabel9 = new
javax.swing.JLabel();        jButton3 = new
javax.swing.JButton();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setTitle("RgisterFrame");
```

```
jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 40)); // NOI18N
jLabel1.setText("REGISTER:");
```

```
jPanel1.setBorder(javax.swing.BorderFactory.createEtchedBorder(new
java.awt.Color(0, 204, 204), new java.awt.Color(153, 153, 153)));
```

```
        jLabel2.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
jLabel2.setText("Name:");

        jLabel3.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
jLabel3.setText("email:");

        jLabel4.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
jLabel4.setText("UserName:");

        jLabel5.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
jLabel5.setText("Password:");

        jLabel6.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
jLabel6.setText("ConfirmPass:");

        jLabel7.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
jLabel7.setText("Gender:");

        jLabel8.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jLabel8.setText("Address:");

        jTextField1.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jTextField1ActionPerformed(evt);

            }
        });

        jComboBox1.setModel(new javax.swing.DefaultComboBoxModel(new String[] {
"male", "female" }));
```

```
        jTextArea1.setColumns(20);
jTextArea1.setRows(5);
jScrollPane1.setViewportView(jTextArea1);

        jPasswordField2.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jPasswordField2ActionPerformed(evt);
            }
        });

        jButton1.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jButton1.setText("Add");        jButton1.addActionListener(new
java.awt.event.ActionListener() {            public void
actionPerformed(java.awt.event.ActionEvent evt) {
jButton1ActionPerformed(evt);
            }
        });

        jButton2.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jButton2.setText("Cancel");        jButton2.addActionListener(new
java.awt.event.ActionListener() {            public void
actionPerformed(java.awt.event.ActionEvent evt) {
jButton2ActionPerformed(evt);
            }
        });

        jLabel9.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jLabel9.setForeground(new java.awt.Color(255, 51, 51));

        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);        jPanel1Layout.setHorizontalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
```

```
            .addGap(110, 110, 110)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILI
NG)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG, false)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(jButton1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jButton2))
                .addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                        .addComponent(jLabel2)
                        .addComponent(jLabel3)
                        .addComponent(jLabel4)
                        .addComponent(jLabel7)
                        .addComponent(jLabel8)
                        .addComponent(jLabel5)
                        .addComponent(jLabel6))
                    .addGap(94, 94, 94)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG, false)
                        .addComponent(jScrollPane1,
javax.swing.GroupLayout.DEFAULT_SIZE, 378, Short.MAX_VALUE)
                        .addComponent(jComboBox1, 0,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jPasswordField1)
                        .addComponent(jPasswordField2)
                        .addComponent(jTextField1)
                        .addComponent(jTextField2)
                        .addComponent(jTextField3))))
```

```
                .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 255,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addContainerGap(109, Short.MAX_VALUE))
        );
        jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                    .addComponent(jLabel2)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addGap(3, 3, 3)
                        .addComponent(jTextField1, javax.swing.GroupLayout.DEFAULT_SIZE, 32,
Short.MAX_VALUE)))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                    .addComponent(jLabel3)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addGap(3, 3, 3)
                        .addComponent(jTextField2, javax.swing.GroupLayout.DEFAULT_SIZE, 32,
Short.MAX_VALUE)))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                    .addComponent(jLabel4)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addGap(3, 3, 3)
```

```
                .addComponent(jTextField3, javax.swing.GroupLayout.DEFAULT_SIZE, 32,
Short.MAX_VALUE)))

            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)

                .addComponent(jLabel7)

                .addGroup(jPanel1Layout.createSequentialGroup()

                    .addGap(3, 3, 3)

                    .addComponent(jComboBox1,
javax.swing.GroupLayout.PREFERRED_SIZE, 27,
javax.swing.GroupLayout.PREFERRED_SIZE)))

            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)

                .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
66, javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(jLabel8))

            .addGap(23, 23, 23)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)

                .addComponent(jLabel5)

                .addGroup(jPanel1Layout.createSequentialGroup()

                    .addGap(3, 3, 3)

                    .addComponent(jPasswordField1,
javax.swing.GroupLayout.DEFAULT_SIZE, 32, Short.MAX_VALUE)))

            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASEL
INE)

                .addComponent(jLabel6)

                .addComponent(jPasswordField2,
javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGap(44, 44, 44)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASEL
INE)
                .addComponent(jButton1)
                .addComponent(jButton2))
            .addGap(43, 43, 43))
        );

        jButton3.setText("next");
        jButton3.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jButton3ActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);         layout.setHorizontalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(33, 33, 33)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(jLabel1)
                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
545, Short.MAX_VALUE)
                        .addComponent(jButton3))
                    .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addContainerGap())
        );
        layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
```

```
            .addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel1)
                .addComponent(jButton3))
            .addGap(18, 18, 18)
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        );

        pack();
        setLocationRelativeTo(null);
    }// </editor-fold>

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
        jTextField1.setText(null);
        jTextField2.setText(null);
jTextField3.setText(null);
jPasswordField1.setText(null);
jPasswordField2.setText(null);
jTextArea1.setText(null);
jComboBox1.setSelectedItem(null);
jLabel9.setText(null);
    }

    private void jPasswordField2ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    }
```

```
   private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
      this.dispose();        new
Student().setVisible(true);
   }

   private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
      if(((jTextField1.getText().equals("")))||((jTextField2.getText().equals("")))||
((jTextField3.getText().equals("")))||((jComboBox1.getSelectedItem().equals("")))||
      ((jTextArea1.getText().equals("")))||((jPasswordField1.getText().equals("")))||
      ((jPasswordField2.getText().equals("")))){
jLabel9.setText("Some Field are empty!");
      }
else{
try{
         Class.forName("com.mysql.jdbc.Driver");
         Connection
conn=DriverManager.getConnection("jdbc:mysql:///studentrecord","root","");
         Statement stmt=conn.createStatement();
         String sql="insert into
registration(u_name,u_email,username,gender,u_address,u_pass1,u_pass2)
values(?,?,?,?,?,?,?)";
         PreparedStatement ps1=conn.prepareStatement(sql);
ps1.setString(1, jTextField1.getText());          ps1.setString(2,
jTextField2.getText());          ps1.setString(3,
jTextField3.getText());          ps1.setString(4, (String)
jComboBox1.getSelectedItem());          ps1.setString(5,
jTextArea1.getText());          ps1.setString(6,
jPasswordField1.getText());          ps1.setString(7,
jPasswordField2.getText());

         int done=ps1.executeUpdate();
```

```
if(true)
            JOptionPane.showMessageDialog(null,"ADDED SUCCESSFULLLY...");
else
            JOptionPane.showMessageDialog(null,"NOT ADDED...");
        }catch(ClassNotFoundException | SQLException
e){JOptionPane.showMessageDialog(null, e);}
        }
    }

    private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
    }

    /**
* @param args the command line arguments
     */
    public static void main(String args[]) {
/* Set the Nimbus look and feel */
//<editor-fold defaultstate="collapsed"
desc=" Look and feel setting code
(optional) ">

        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and
feel.
* For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */         try {             for (javax.swing.UIManager.LookAndFeelInfo
info : javax.swing.UIManager.getInstalledLookAndFeels()) {                 if
("Nimbus".equals(info.getName())) {
javax.swing.UIManager.setLookAndFeel(info.getClassName());
break;
              }
           }
```

```
        } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(RegisterFrame.class.getName()).log(java.util.logging.Lev
el.SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(RegisterFrame.class.getName()).log(java.util.logging.Lev
el.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(RegisterFrame.class.getName()).log(java.util.logging.Lev
el.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(RegisterFrame.class.getName()).log(java.util.logging.Lev
el.SEVERE, null, ex);
        }
        //</editor-fold>


        /* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {            public void
run() {                new RegisterFrame().setVisible(true);
            }
        });
    }


    // Variables declaration - do not modify
private javax.swing.JButton jButton1;     private
javax.swing.JButton jButton2;     private
javax.swing.JButton jButton3;     private
javax.swing.JComboBox jComboBox1;     private
javax.swing.JLabel jLabel1;     private
javax.swing.JLabel jLabel2;     private
javax.swing.JLabel jLabel3;     private
javax.swing.JLabel jLabel4;     private
```

```
javax.swing.JLabel jLabel5;     private
javax.swing.JLabel jLabel6;     private
javax.swing.JLabel jLabel7;     private
javax.swing.JLabel jLabel8;     private
javax.swing.JLabel jLabel9;     private
javax.swing.JPanel jPanel1;     private
javax.swing.JPasswordField jPasswordField1;     private
javax.swing.JPasswordField jPasswordField2;     private
javax.swing.JScrollPane jScrollPane1;     private
javax.swing.JTextArea jTextArea1;     private
javax.swing.JTextField jTextField1;     private
javax.swing.JTextField jTextField2;     private
javax.swing.JTextField jTextField3;
   // End of variables declaration
}
```

For login page

```
import java.sql.DriverManager; import
java.sql.*;

import java.util.logging.Level; import
java.util.logging.Logger;

/**
 *
* @author Vikrant Kulkarni
 */
public class LoginFrame extends javax.swing.JFrame {

    /**
```

```
* Creates new form LoginFrame
     */
    public LoginFrame() {
initComponents();
    }

    /**
* This method is called from within the constructor to initialize the form.      * WARNING:
   Do NOT modify this code. The content of this method is always      * regenerated by the
   Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
public void initComponents() {

        jLabel1 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();         jPanel1 =
new javax.swing.JPanel();         jLabel2 = new
javax.swing.JLabel();         jLabel3 = new
javax.swing.JLabel();         jTextField1 = new
javax.swing.JTextField();         jPasswordField1 = new
javax.swing.JPasswordField();         jButton1 = new
javax.swing.JButton();         jButton2 = new
javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setTitle("Login");         setResizable(false);

        jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 40)); // NOI18N
jLabel1.setText("LOGIN");
```

```
        jLabel4.setForeground(new java.awt.Color(204, 0, 0));
jLabel4.setText("    ");

        jPanel1.setBorder(javax.swing.BorderFactory.createEtchedBorder(new
java.awt.Color(0, 255, 255), new java.awt.Color(102, 102, 102)));

        jLabel2.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
jLabel2.setText("UserName:");

        jLabel3.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
jLabel3.setText("Password:");

        jButton1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
jButton1.setText("login");          jButton1.addActionListener(new
java.awt.event.ActionListener() {               public void
actionPerformed(java.awt.event.ActionEvent evt) {
jButton1ActionPerformed(evt);

            }
        });

        jButton2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
jButton2.setText("cancel");          jButton2.addActionListener(new
java.awt.event.ActionListener() {               public void
actionPerformed(java.awt.event.ActionEvent evt) {
jButton2ActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);          jPanel1Layout.setHorizontalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
```

```
            .addGap(65, 65, 65)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                .addComponent(jLabel2)
                .addComponent(jLabel3)
                .addComponent(jButton1))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(26, 26, 26)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                        .addComponent(jPasswordField1)
                        .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 232,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jButton2)))
            .addGap(75, 75, 75))
        );
        jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                .addContainerGap(46, Short.MAX_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASEL
INE)
                    .addComponent(jLabel2)
                    .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(23, 23, 23)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASEL
INE)
                .addComponent(jLabel3)
                .addComponent(jPasswordField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(39, 39, 39)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASEL
INE)
                .addComponent(jButton2)
                .addComponent(jButton1))
            .addGap(44, 44, 44))
        );


        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);        layout.setHorizontalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(36, 36, 36)
                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)                .addContainerGap(72,
Short.MAX_VALUE))
            .addGroup(layout.createSequentialGroup()
                .addGap(50, 50, 50)
                .addComponent(jLabel1)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 93,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(62, 62, 62))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
            .addGroup(layout.createSequentialGroup()
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(jLabel1)
                    .addComponent(jLabel4))
                .addGap(18, 18, 18)
                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(98, 98, 98))
        );


        pack();
setLocationRelativeTo(null);
    }// </editor-fold>


    public void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
        jTextField1.setText(null);
jPasswordField1.setText(null);
    }


    public void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
try{
            Class.forName("com.mysql.jdbc.Driver");
            Connection
con=DriverManager.getConnection("jdbc:mysql:///studentrecord","root","");
            String sql2="select * from registration";
            Statement stmt2=con.createStatement();


            ResultSet rs1=stmt2.executeQuery(sql2);
while(rs1.next()){
```

```
if((jTextField1.getText().equals(rs1.getString(4))) &&
(jPasswordField1.getText().equals(rs1.getString(7)))){
GenerateBill cr=new GenerateBill();
this.setVisible(false);                cr.setVisible(true);
                        }            else{
jLabel4.setText("Wrong Details!!!");
          }
         }
       }catch(Exception e){}
   }


   /**
* @param args the command line arguments
    */
   public static void main(String args[]) {
      /* Set the Nimbus look and feel */
      //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
      /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and
feel.
* For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
       */        try {            for (javax.swing.UIManager.LookAndFeelInfo
info : javax.swing.UIManager.getInstalledLookAndFeels()) {                if
("Nimbus".equals(info.getName())) {
javax.swing.UIManager.setLookAndFeel(info.getClassName());
break;
            }
          }
      } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(LoginFrame.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
      } catch (InstantiationException ex) {
```

```
java.util.logging.Logger.getLogger(LoginFrame.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(LoginFrame.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(LoginFrame.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
public void run() {                new
LoginFrame().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
public javax.swing.JButton jButton1;
public javax.swing.JButton jButton2;
public javax.swing.JLabel jLabel1;     public
javax.swing.JLabel jLabel2;     public
javax.swing.JLabel jLabel3;     public
javax.swing.JLabel jLabel4;     public
javax.swing.JPanel jPanel1;
    public javax.swing.JPasswordField jPasswordField1;
public javax.swing.JTextField jTextField1;
    // End of variables declaration
}
```

For Display of student record

```
import java.sql.Connection; import
java.sql.DriverManager; import
java.sql.ResultSet; import
java.sql.SQLException; import
java.sql.Statement; import
javax.swing.JOptionPane; import
javax.swing.table.DefaultTableModel;

/**
 *
* @author Vikrant Kulkarni
 */ public class display extends
javax.swing.JFrame {

   /**
* Creates new form display
    */    public
display() {
initComponents();
   }
```

```
    /**
* This method is called from within the constructor to initialize the form.      * WARNING: Do NOT
    modify this code. The content of this method is always
* regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

        jLabel1 = new javax.swing.JLabel();
jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();        jButton1
= new javax.swing.JButton();        jButton2 = new
javax.swing.JButton();        jButton3 = new
javax.swing.JButton();        messa = new
javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setTitle("Student Record");

        jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N
jLabel1.setText("STUDENT DETAILS");

        jTable1.setModel(new javax.swing.table.DefaultTableModel(
            new Object [][] {

            },
```

```
            new String [] {
                "NAME", "GENDER", "EMAIL", "MOBILE", "CITY", "PIN", "ADDRESS", "COURSE", "KNOLEDGE"
            }
        ));
        jScrollPane1.setViewportView(jTable1);

        jButton1.setText("DISPLAY");
jButton1.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jButton1ActionPerformed(evt);
            }
        });

        jButton2.setText("Pay Fees!");
jButton2.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jButton2ActionPerformed(evt);
            }
        });

        jButton3.setText("DELETE");        jButton3.addActionListener(new
java.awt.event.ActionListener() {            public void
actionPerformed(java.awt.event.ActionEvent evt) {
jButton3ActionPerformed(evt);
            }
        });

        messa.setForeground(new java.awt.Color(255, 0, 0));
```

```
        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);

        layout.setHorizontalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(424, 424, 424)
                        .addComponent(jLabel1)
                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                        .addComponent(messa, javax.swing.GroupLayout.PREFERRED_SIZE, 155,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jButton3)
                        .addGap(28, 28, 28)
                        .addComponent(jButton1)
                        .addGap(31, 31, 31)
                        .addComponent(jButton2))
                    .addGroup(layout.createSequentialGroup()
                        .addGap(30, 30, 30)
                        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 1178,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addContainerGap(41, Short.MAX_VALUE))
        );
        layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
            .addGroup(layout.createSequentialGroup()
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addContainerGap()
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
.addComponent(jLabel1)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                                .addComponent(jButton1)
                                .addComponent(jButton2)
                                .addComponent(jButton3))))
                    .addGroup(layout.createSequentialGroup()
                        .addGap(39, 39, 39)
                        .addComponent(messa, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addGap(18, 18, 18)
                .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        );


        pack();
setLocationRelativeTo(null);
    }// </editor-fold>


    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        DefaultTableModel model=(DefaultTableModel) jTable1.getModel();
        try{
```

```
        Class.forName("com.mysql.jdbc.Driver");
        Connection con=DriverManager.getConnection("jdbc:mysql:///studentrecord", "root","");
        Statement stmt=con.createStatement();
        ResultSet rs=stmt.executeQuery("select * from student_data");

        while(rs.next()){
        model.addRow(new Object[]{rs.getString(1),
rs.getString(2),rs.getString(3),rs.getString(4),rs.getString(5),
rs.getInt(6),rs.getString(7),rs.getString(8),rs.getString(9)});
       }
        }catch(ClassNotFoundException | SQLException e){
           JOptionPane.showMessageDialog(null, e);
        }
    }

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
         DefaultTableModel model=(DefaultTableModel) jTable1.getModel();
if(jTable1.getSelectedRow()==-1)
        {
           if(jTable1.getRowCount()==0){
messa.setText("Table is Empty ..");
           }
else {
               messa.setText("You Must select a product");
           }
        }else{
           model.removeRow(jTable1.getSelectedRow());
```

```
        }


    }


    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.dispose();         new
GenerateBill().setVisible(true);
    }


    /**
* @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {                 if
("Nimbus".equals(info.getName())) {
javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
```

```
        } catch (ClassNotFoundException ex) {
            java.util.logging.Logger.getLogger(display.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(display.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(display.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
            java.util.logging.Logger.getLogger(display.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {                new
display().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JLabel jLabel1;     private
javax.swing.JScrollPane jScrollPane1;     private
```

```
javax.swing.JTable jTable1;    private
javax.swing.JLabel messa;
   // End of variables declaration
}
```

To generate the Bill

```
import java.awt.HeadlessException;
import java.util.Date; import
java.sql.*; import
javax.swing.JOptionPane;

/**
 *
* @author Vikrant Kulkarni
 */
public class GenerateBill extends javax.swing.JFrame {

    /**
* Creates new form GenerateBill
     */
    public GenerateBill() {
initComponents();
```

```
    }


    /**
* This method is called from within the constructor to initialize the form.      * WARNING:
   Do NOT modify this code. The content of this method is always
* regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {


        jLabel1 = new javax.swing.JLabel();
jLabel2 = new javax.swing.JLabel();         name =
new javax.swing.JTextField();         jLabel3 = new
javax.swing.JLabel();         jLabel4 = new
javax.swing.JLabel();         jLabel5 = new
javax.swing.JLabel();         fname = new
javax.swing.JTextField();         fmobile = new
javax.swing.JTextField();         timing = new
javax.swing.JTextField();         jScrollPane1 = new
javax.swing.JScrollPane();         area = new
javax.swing.JTextArea();         jLabel6 = new
```

```
javax.swing.JLabel(); fees = new
javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jButton4 = new javax.swing.JButton();         jLabel7
= new javax.swing.JLabel();         jMenuBar1 =
new javax.swing.JMenuBar();         jMenu1 = new
javax.swing.JMenu();         jMenuItem1 = new
javax.swing.JMenuItem();         jMenuItem3 = new
javax.swing.JMenuItem();         jMenu3 = new
javax.swing.JMenu();         jMenuItem2 = new
javax.swing.JMenuItem();         jMenu2 = new
javax.swing.JMenu();         jMenuItem4 = new
javax.swing.JMenuItem();         jMenuItem5 = new
javax.swing.JMenuItem();         jMenuItem6 = new
javax.swing.JMenuItem();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setTitle("FEE RECEIPT SYSTEM");
```

```
        jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N
jLabel1.setText("Fee Receipt System");

        jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel2.setText("Enter Student Name:");

        name.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
name.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
name.setPreferredSize(new java.awt.Dimension(400, 30));

        jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel3.setText("Enter Father Name:");

        jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel4.setText("Enter Batch Time:");

        jLabel5.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel5.setText("Enter Father Mobile:");

        fname.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
fname.setPreferredSize(new java.awt.Dimension(400, 30));
```

```
        fmobile.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
        fmobile.setPreferredSize(new java.awt.Dimension(400, 30));


        timing.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
timing.setPreferredSize(new java.awt.Dimension(400, 30));


        area.setColumns(20);        area.setFont(new
java.awt.Font("Monospaced", 1, 18)); // NOI18N        area.setRows(5);
jScrollPane1.setViewportView(area);


        jLabel6.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel6.setText("Enter Fee Amount:");


        fees.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
        fees.setText("  ");        fees.setPreferredSize(new
java.awt.Dimension(400, 30));


        jButton1.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jButton1.setText("Print Receipt");        jButton1.addActionListener(new
java.awt.event.ActionListener() {            public void
```

```
actionPerformed(java.awt.event.ActionEvent evt) {
jButton1ActionPerformed(evt);

            }
        });

        jButton2.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jButton2.setText("Generate Receipt");         jButton2.addActionListener(new
java.awt.event.ActionListener() {             public void
actionPerformed(java.awt.event.ActionEvent evt) {
jButton2ActionPerformed(evt);
            }
        });

        jButton3.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jButton3.setText("Reset");         jButton3.addActionListener(new
java.awt.event.ActionListener() {             public void
actionPerformed(java.awt.event.ActionEvent evt) {
jButton3ActionPerformed(evt);
            }
        });
```

```
        jButton4.setText("jButton4");

        jLabel7.setForeground(new java.awt.Color(255, 0, 0));

        jMenu1.setText("FILE");         jMenu1.setFont(new
java.awt.Font("Segoe UI", 0, 18)); // NOI18N

        jMenuItem1.setText("close");
jMenuItem1.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jMenuItem1ActionPerformed(evt);
            }
        });
        jMenu1.add(jMenuItem1);

        jMenuItem3.setText("LogOut");
jMenuItem3.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jMenuItem3ActionPerformed(evt);
            }
        });
        jMenu1.add(jMenuItem3);
```

```
        jMenuBar1.add(jMenu1);

        jMenu3.setText("USER");         jMenu3.setFont(new
java.awt.Font("Segoe UI", 0, 18)); // NOI18N

        jMenuItem2.setText("NEW USER");
jMenuItem2.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jMenuItem2ActionPerformed(evt);
            }
        });
        jMenu3.add(jMenuItem2);

        jMenuBar1.add(jMenu3);

        jMenu2.setText("STUDENT");         jMenu2.setFont(new
java.awt.Font("Segoe UI", 0, 18)); // NOI18N

        jMenuItem4.setText("ADD STUDENT");
        jMenuItem4.addActionListener(new java.awt.event.ActionListener() {
```

```
        public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem4ActionPerformed(evt);
            }
        });
        jMenu2.add(jMenuItem4);

        jMenuItem5.setText("DELETE");
jMenuItem5.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jMenuItem5ActionPerformed(evt);
            }
        });
        jMenu2.add(jMenuItem5);

        jMenuItem6.setText("DISPLAY");
jMenuItem6.addActionListener(new java.awt.event.ActionListener() {
public void actionPerformed(java.awt.event.ActionEvent evt) {
jMenuItem6ActionPerformed(evt);
            }
        });
        jMenu2.add(jMenuItem6);
```

```
        jMenuBar1.add(jMenu2);



        setJMenuBar(jMenuBar1);



        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);         layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()


.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

                    .addGroup(layout.createSequentialGroup()

                        .addGap(356, 356, 356)

                        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 305,
javax.swing.GroupLayout.PREFERRED_SIZE)

                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                        .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 134,
javax.swing.GroupLayout.PREFERRED_SIZE))

                    .addGroup(layout.createSequentialGroup()


.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)

                            .addGroup(layout.createSequentialGroup()

                                .addContainerGap()
```

```
                .addComponent(jButton2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,  48,
Short.MAX_VALUE)

                .addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE,                              159,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addGap(46, 46, 46)

                .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE,                              159,
javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGroup(layout.createSequentialGroup()

                .addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

                    .addComponent(jLabel3)

                    .addComponent(jLabel2)

                    .addComponent(jLabel4)

                    .addComponent(jLabel5)

                    .addComponent(jLabel6))

                .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)

                    .addComponent(name,     javax.swing.GroupLayout.DEFAULT_SIZE,
321, Short.MAX_VALUE)

                    .addComponent(fname,
javax.swing.GroupLayout.PREFERRED_SIZE, 1, Short.MAX_VALUE)
```

```
                    .addComponent(timing,
javax.swing.GroupLayout.PREFERRED_SIZE, 1, Short.MAX_VALUE)

                    .addComponent(fmobile,
javax.swing.GroupLayout.PREFERRED_SIZE, 1, Short.MAX_VALUE)

                    .addComponent(fees, javax.swing.GroupLayout.PREFERRED_SIZE,
1, Short.MAX_VALUE))))

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
42, Short.MAX_VALUE)

                .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
492, javax.swing.GroupLayout.PREFERRED_SIZE)))

            .addGap(24, 24, 24))

        );

        layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addContainerGap()


.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

                .addComponent(jLabel1)

                .addComponent(jLabel7,      javax.swing.GroupLayout.PREFERRED_SIZE,
    24, javax.swing.GroupLayout.PREFERRED_SIZE))


.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(layout.createSequentialGroup()

                .addGap(49, 49, 49)


.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
                    .addComponent(jLabel2)

                    .addComponent(name, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addGap(18, 18, 18)


.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel3)

                    .addComponent(fname, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addGap(18, 18, 18)


.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel4)

                    .addComponent(timing, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addGap(23, 23, 23)


.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel5)

                    .addComponent(fmobile,
    javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addGap(18, 18, 18)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel6)

                    .addComponent(fees, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
                .addGap(66, 66, 66)


.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE,
50, javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE,
50, javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
50, javax.swing.GroupLayout.PREFERRED_SIZE)))

                .addGroup(layout.createSequentialGroup()

                    .addGap(18, 18, 18)

                    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
452, javax.swing.GroupLayout.PREFERRED_SIZE)))

            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

        );



        layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]
{fees, fmobile, fname, name, timing});



        pack();
        setLocationRelativeTo(null);

    }// </editor-fold>
```

```
    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:



        name.setText("");

fname.setText("");

timing.setText("");

fmobile.setText("");

fees.setText("");

jLabel7.setText("");         area.setText("

");

    }



    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

        try{

            Class.forName("com.mysql.jdbc.Driver");

          Connection
con=DriverManager.getConnection("jdbc:mysql://studentrecord","root","");

          String sql="insert into student_fee(name,fname,timing,fmobile,fees) values(?,?,?,?,?)";
Statement stmt=con.createStatement();

          PreparedStatement ps1=con.prepareStatement(sql);

ps1.setString(1, name.getText());            ps1.setString(2,
```

```
fname.getText());            ps1.setString(3,

timing.getText());           ps1.setString(4,

fmobile.getText());           ps1.setInt(5,

Integer.parseInt(fees.getText()));


          int done=ps1.executeUpdate();


if(true)

              JOptionPane.showMessageDialog(null,"ADDED SUCCESSFULLLY...");

          else

              JOptionPane.showMessageDialog(null,"NOT ADDED...");


       }catch(ClassNotFoundException     |          SQLException          |
     NumberFormatException       | HeadlessException e){}







       area.setText("*****************************************\n");

       area.setText(area.getText()+"*      Fee Receipt System              *\n");
area.setText(area.getText()+"*****************************************\n");


       Date obj=new Date();
```

```
        String date=obj.toString();


        area.setText(area.getText()+"Date:"+date+"\n\n");
area.setText(area.getText()+"Student Name:"+name.getText()+"\n\n");
area.setText(area.getText()+"Father Name:"+fname.getText()+"\n\n");
area.setText(area.getText()+"Batch Timing:"+timing.getText()+"\n\n");
area.setText(area.getText()+"Father Mobile:"+fmobile.getText()+"\n\n");
area.setText(area.getText()+"Fee Amount:"+fees.getText()+"\n\n");
area.setText(area.getText()+"\n                              Signature");


}



    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:


try{
area.print
();//To
Print
```

```
Data
}catch(E
xception
e){
        e.printStackTrace();
        }
    }

    private void jMenuItem1ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
        this.dispose();
    }

    private void jMenuItem2ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:        this.dispose();        new
RegisterFrame().setVisible(true);
    }

    private void jMenuItem3ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
```

```
        this.dispose();         new
LoginFrame().setVisible(true);     }



    private void jMenuItem4ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
        this.dispose();         new
Student().setVisible(true);
    }

    private void jMenuItem6ActionPerformed(java.awt.event.ActionEvent evt) {
this.dispose();           new display().setVisible(true);


    }

    private void jMenuItem5ActionPerformed(java.awt.event.ActionEvent evt) {
this.dispose();       new DeleteFrame().setVisible(true);


    }

    /**
*                               @param args the command line arguments
```

```
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
try {
            for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) { if ("Nimbus".equals(info.getName())) {
javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(GenerateBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(GenerateBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

```
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(GenerateBill.class.getName()).log(java.util.logging.Level
.SEVERE, null, ex);

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(GenerateBill.class.getName()).log(java.util.logging.Level
.SEVERE, null, ex);

        }

        //</editor-fold>



        /* Create and display the form */

java.awt.EventQueue.invokeLater(new Runnable() {

            public void run() {                new

GenerateBill().setVisible(true);

            }

        });

    }



    // Variables declaration - do not modify

private javax.swing.JTextArea area;     private

javax.swing.JTextField fees;     private

javax.swing.JTextField fmobile;
```

```
    private javax.swing.JTextField fname;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JLabel jLabel1;     private
javax.swing.JLabel jLabel2;     private
javax.swing.JLabel jLabel3;     private
javax.swing.JLabel jLabel4;     private
javax.swing.JLabel jLabel5;     private
javax.swing.JLabel jLabel6;     private
javax.swing.JLabel jLabel7;     private
javax.swing.JMenu jMenu1;     private
javax.swing.JMenu jMenu2;     private
javax.swing.JMenu jMenu3;     private
javax.swing.JMenuBar jMenuBar1;     private
javax.swing.JMenuItem jMenuItem1;     private
javax.swing.JMenuItem jMenuItem2;     private
javax.swing.JMenuItem jMenuItem3;     private
javax.swing.JMenuItem jMenuItem4;     private
javax.swing.JMenuItem jMenuItem5;     private
```

```
javax.swing.JMenuItem jMenuItem6;     private
javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTextField name;     private
javax.swing.JTextField timing;
    // End of variables declaration
}
```